

COMPUTERIZED METHOD AND APPARATUS FOR DETERMINING
FIELD-OF-VIEW RELATIONSHIPS AMONG MULTIPLE IMAGE SENSORS

Abstract of the Invention

A computerized method of image analysis that includes receiving first image data for a plurality of first video frames representing a first scene. Each first video frame is composed of a plurality of image regions, and a first object is present in an image region of at least one first video frame. Second image data is received for a plurality of second video frames representing a second scene. Each second video frame is composed of a plurality of image regions, and a second object is present in an image region of at least one second video frame. The method also includes determining a relationship between a first image region and a second image region based on a probabilistic correlation between occurrences of the first object being present in the first image region and occurrences of the second object being present in the second image region.